

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PASSIVATION OF SIDEWALLS OF A WORD LINE STACK, the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_.

☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Stephan J. Filipek, Reg. No. 33,384; John B. Pegram, Reg. No. 25,198; William J. Hone, Reg. No. 26,739; Frederick H. Rabin, Reg. No. 24,488; Richard P. Ferrara, Reg. No. 30,632; Samuel Borodach, Reg. No. 38,388; Andrew T. D'Amico, Reg. No. 33,375; and Andrew N. Parfomak, Reg. No. 32,431.

Address all telephone calls to Samuel Borodach at telephone number 212/765-5070.

Address all correspondence to Samuel Borodach, Fish & Richardson P.C., 45 Rockefeller Plaza, New York, NY 10111.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Pai-Hung Pan

Inventor's Signature: *Pai-Hung Pan* Date: 08/12/93

Residence Address: Boise, Idaho

Citizen of: United States of America

Post Office Address: 2773 East Migratory Drive, Boise, ID 83706

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

Full Name of Inventor: Martin C. Roberts

Inventor's Signature: Martin C. Roberts Date: 8/12/99

Residence Address: Boise, Idaho

Citizen of: United Kingdom

Post Office Address: 1066 N. Hearthstone Drive, Boise, ID 83702

Full Name of Inventor: Gurtej S. Sandhu

Inventor's Signature: Gurtej Sandhu Date: 8/12/99

Residence Address: Boise, Idaho

Citizen of: United Kingdom

Post Office Address: 2964 E. Parkriver Drive, Boise, ID 83706

Full Name of Inventor: Weimin Li

Inventor's Signature: Weimin Li Date: 8/12/99

Residence Address: Boise, Idaho

Citizen of: Peoples Republic of China

Post Office Address: 14124 W. Chadford, Boise, ID 83713

Full Name of Inventor: Christopher W. Hill

Inventor's Signature: Christopher W. Hill Date: 8/12/99

Residence Address: Boise, Idaho

Citizen of: United States of America

Post Office Address: 1015 N. 16, Boise, ID 83702

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

Full Name of Inventor: Vishnu K. Agarwal

**Inventor's Signature:**

Date:

8/12/99

Residence Address: Boise, Idaho

Citizen of: India

Post Office Address: #A303 2382 E. Red Cedar Lane, Boise, ID 83716

56076.N11

Revised: August 24, 1994 (391DECL.MRG)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Pai-hung Pan et al.

COPY

Serial No.: 09/376,232

Group Art Unit: 2815

Filed: August 18, 1999

Examiner: Not Yet Assigned

For: PASSIVATION OF SIDEWALLS OF  
A WORD LINE STACK

Assistant Commissioner for Patents  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE AND  
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)**

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment, a copy of which is attached hereto, hereby appoints the attorneys and agents of the firm of Dickstein, Shapiro, Morin & Oshinsky, listed as follows: Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Jeremy A. Cubert, 40,399; Laurence E. Fisher, 37,131; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Edwin Oh, P-45,319; Eric Oliver, 35,307; William E. Powell III, 39,803; Paul L. Ratcliffe, 45,290; Mark E. Strickland, 45,138 and Salvatore P. Tamburo, 45,153, and also attorneys of Micron Technology, Inc. as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

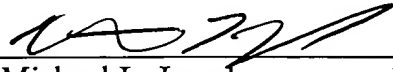
The Assignee certifies that the above-identified assignment has been reviewed  
and to the best of the Assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico  
Dickstein Shapiro Morin & Oshinsky LLP  
2101 L Street NW  
Telephone: (202) 785-9700  
Fax: (202) 887-0689

COPY

MICRON TECHNOLOGY,  
INC.

  
\_\_\_\_\_  
Michael L. Lynch  
Chief Patent Counsel  
Registration No. 30,871

Dated: April 11, 2000

MARCH 09, 2000

FISH & RICHARDSON P.C.  
SAMUEL BORODACH  
45 ROCKEFELLER PLAZA, SUITE 2800  
NEW YORK, NY 10111

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Washington, D.C. 20530

\*101223618A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/29/1999

REEL/FRAME: 010425/0036  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PAN, PAI-HUNG

DOC DATE: 08/12/1999

ASSIGNOR:

ROBERTS, MARTIN C.

DOC DATE: 08/12/1999

ASSIGNOR:

SANDHU, GURTEJ S.

DOC DATE: 08/12/1999

ASSIGNOR:

LI, WEIMIN

DOC DATE: 08/12/1999

ASSIGNOR:

HILL, CHRISTOPHER W.

DOC DATE: 08/12/1999

ASSIGNOR:

AGARWAL, VISHNU K.

DOC DATE: 08/12/1999

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transferred 3/13/00  
viewed  
MMU  
secretary

SHEET

101223618

Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).

## 1. Name of conveying party(ies):

Pai-Hung Pan, Martin C. Roberts, Gurtej S.  
Sandhu, Weimin Li, Christopher W. Hill, Vishnu  
K. Agarwal and

Additional name(s) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

MICRON TECHNOLOGY, INC.  
8000 South Federal Way  
Boise, ID 83707-0006

## 3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

Execution Date: August 12, 1999

Additional names/addresses attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s):

(09/376,232)

B: Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

## 5. Name/address of party to whom correspondence concerning document should be mailed:

SAMUEL BORODACH  
Fish & Richardson P.C.  
45 Rockefeller Plaza, Suite 2800  
New York, NY 10111

6. Total number of applications/patents involved: 1

## 7. Total fee (37 CFR §3.41): \$40

- ☒ Enclosed  
☐ Authorized to charge Deposit Account.

## 8. Deposit Account No.: 06-1050

Please apply any additional charges, or any credits, to our  
Deposit Account No. 06-1050.

DO NOT USE THIS SPACE

9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Samuel Borodach  
Reg. No. 38,388

Name of Person Signing

Signature

Date

Total number of pages including coversheet, attachments and document: 5

30002887.doc

2/15/1999 DNGUYEN 00000123 09376232

FC:581

40.00 OP

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

November 22, 1999  
Date of Deposit

Signature

Date Maher

Typed Name of Person Signing Certificate

# ASSIGNMENT

07653/031001

For valuable consideration, we, **Pai-Hung Pan**, of 2773 East Migratory Drive, Boise, ID 83706; **Martin C. Roberts** of 1066 N. Hearthstone Drive, Boise, ID 83702; **Gurtej S. Sandhu** of 2964 E. Parkriver Drive, Boise, ID 83706; **Weimin Li** of 14124 W. Chadford, Boise, ID 83713; **Christopher W. Hill** of 1015 N. 16, Boise, ID 73072; and **Vishnu K. Agarwal** of #A303 2382 E. Red Cedar Lane, Boise, ID 83716 hereby assign to **Micron Technology, Inc.**, a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in the inventions and improvements, which are subject of an application for United States Patent signed by us, entitled

PASSIVATION OF SIDEWALLS OF A WORD LINE STACK

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filed 8/18/99, and assigned U.S. Serial Number 09/376,232, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at BOISE, IDAHO, this 12 day of August, 1999

Pai-Hung Pan L.S.

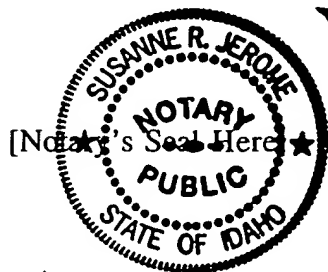
Pai-Hung Pan  
STATE OF IDAHO:

COUNTY OF ADA:  
:ss.

Before me this 12<sup>th</sup> day of August, 1999, personally appeared **Pai-Hung Pan**, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Susanne R. Jerome  
Notary Public

My Commission Expires: 3/12/2002



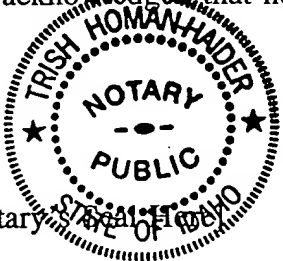


this 12th day of August, 1999  
Martin C. Roberts L.S.

STATE OF Idaho :  
:ss.

COUNTY OF Ada :

Before me this 12th day of August, 1999, personally appeared  
Martin C. Roberts, known to me to be the person whose name is subscribed to the foregoing Assignment,  
and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



Trish Homan-Hader  
Notary Public

My Commission Expires: 3-26-03

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at BOISE, IDAHO,  
this 12th day of August, 1999

COPY

Gurtej S. Sandhu L.S.  
Gurtej S. Sandhu

STATE OF IDAHO :

COUNTY OF ADA :

Before me this 12th day of August, 1999, personally appeared  
Gurtej S. Sandhu, known to me to be the person whose name is subscribed to the foregoing Assignment,  
and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



Susanne R. Jerome  
Notary Public

My Commission Expires: 3/12/2002

[Notary's Seal Here]

this 12 day of August, 1999

Weimin Li

L.S.

STATE OF IDAHO

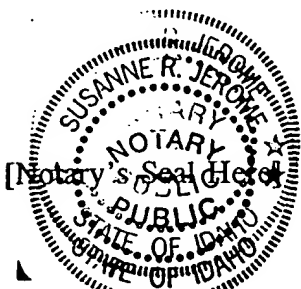
:ss.

COUNTY OF ADA

Before me this 12<sup>th</sup> day of August, 1999, personally appeared Weimin Li, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Susanne R. Jerome  
Notary Public

My Commission Expires: 3/12/2002



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IN WITNESS WHEREOF, I hereto set my hand and seal at BOISE, IDAHO

this 12<sup>th</sup> day of AUGUST, 1999

Christopher W. Hill

L.S.

Christopher W. Hill

STATE OF IDAHO

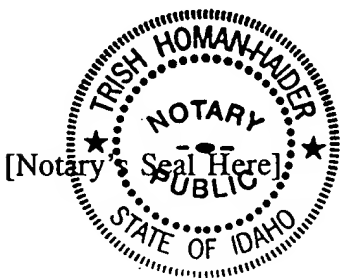
:ss.

COUNTY OF ADA

Before me this 12<sup>th</sup> day of August, 1999, personally appeared Christopher W. Hill, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Trish Homan-Haider  
Notary Public

My Commission Expires: 3-26-03



this 12<sup>th</sup> day of August, 1999

Vishnu K. Agarwal

L.S.

STATE OF Idaho:

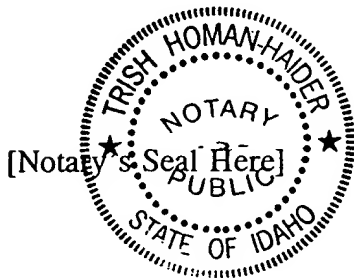
:SS.

COUNTY OF Ada:

Before me this 12th day of August, 1999, personally appeared Vishnu K. Agarwal, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Trish Homan-Haider  
Notary Public

My Commission Expires: 3-26-03



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